

CLAIMS

1. A sealed container in which a container body having an opening is sealed by a lid portion which closes and covers said opening, comprising a welded portion in which an outer wall surface of a peripheral portion of said opening and an inner wall surface of said lid portion are laser welded in order to make it possible for at least an inner wall surface of the peripheral portion of said opening from an inner wall surface of said container body to make contact with container contents.
2. A sealed container in which a container body having an opening is sealed by a lid portion which closes and covers said opening, comprising a welded portion in which an edge surface of said opening and an inner wall surface of said lid portion are laser welded in order to make it possible for at least an inner wall surface of the peripheral portion of said opening from an inner wall surface of said container body to make contact with container contents.
3. The sealed container according to Claim 1 or 2, wherein said welded portion does not form a flange.
4. The sealed container according to Claim 1, 2 or 3, further comprising a non-welded portion in which an inner wall surface of a peripheral portion of said lid portion is not welded to an outer wall surface of said container body.
5. The sealed container according to Claim 1, 2, 3 or 4, wherein said lid portion has a thickness of 0.2 mm or higher.
6. The sealed container according to Claim 1, 2, 3, 4 or 5, wherein the welded portion is laser welded in two loop shapes along the periphery of said opening.

7. The sealed container according to Claim 1, 2, 3, 4, 5 or 6, wherein said lid portion has a multilayer structure in which an annular layer having an inner diameter roughly the same as the opening diameter of said opening is connected to the inner wall surface side, and the container seal is opened by peeling apart said lid portion from said annular layer in the state where said annular layer remains laser welded to said container body.

8. The sealed container according to Claim 1, 2, 3, 4, 5, 6 or 7, wherein said container body and said lid portion are formed from synthetic resin.

9. The sealed container according to Claim 1, 2, 3, 4, 5, 6, 7 or 8, wherein said container is a beverage container.

10. A method of manufacturing a sealed container in which a container body having an opening is sealed by a lid portion which closes and covers said opening, comprising a process in which after forming bonded surfaces by bonding an outer wall surface of a peripheral portion of said opening and an inner wall surface of said lid portion in order to make it possible for at least an inner wall surface of the peripheral portion of said opening from an inner wall surface of said container body to make contact with container contents, said bonded surfaces are irradiated with a laser to form a welded portion.

11. A method of manufacturing a sealed container in which a container body having an opening is sealed by a lid portion which closes and covers said opening, comprising a process in which after forming bonded surfaces by bonding an edge surface of said opening and an inner wall surface of said lid portion in order to make it possible for at least an inner wall surface of the peripheral portion of said opening from an inner wall surface of said container body to make contact with

container contents, said bonded surfaces are irradiated with a laser to form a welded portion.

12. The method of manufacturing a sealed container according to Claim 10 or 11, further comprising a process which provides a laser light absorbing portion in at least one of an outer wall surface of the peripheral portion of said opening or an inner wall surface of said lid portion, or in at least one of an edge surface of said opening or an inner wall surface of said lid portion.

13. The method of manufacturing a sealed container according to Claim 10, 11 or 12, further comprising a case which provides a laser light absorbing material in a portion of at least one of an outer wall surface of the peripheral portion of said opening or an inner wall surface of said lid portion, or in a portion of at least one of an end portion of said opening or an inner wall surface of said lid portion.

14. The method of manufacturing a sealed container according to Claim 10, 11, 12 or 13, wherein laser irradiation of said welded portion is carried out by fixing a laser oscillating element while said container body and said lid portion are rotated around a rotation axis formed by the central axis of the container, or carried out by rotating the laser oscillating element around said container body and said lid portion around a rotation axis formed by the central axis of the container.